**File candidate\_data.txt:** 35 candidates

|  |  |
| --- | --- |
| **TESTING CASES** | **EXPECTED OUTPUT** |
| 1 (Print all candidates) | 123-45-6789 - Tarjan, Robert  789-56-7856 - Bunny, Bugs  342-93-2712 - Robinson, Wilbur  756-43-9876 - Hopper, Grace  823-77-4545 - Horsecollar, Horace  321-45-2345 - Kay, Alan  234-56-4564 - Elephant, Elmer  783-49-8932 - Khan, Shere  111-22-2333 - Pelekai, Lilo  123-67-4543 - Lollygagger, Gus  968-45-3641 - Lovelace, Ada  862-93-8766 - McCarthy, John  714-33-8893 - Shannon, Claude  653-45-6789 - Turing, Alan  123-45-9876 - Babbage, Charles  576-29-9877 - Cooley, James  438-92-2191 - Schneider, Erna  756-43-9876 - Mouse, Mickey  321-45-2345 - Pan, Peter  968-45-3641 - Bear, Baloo  862-93-8766 - Cricket, Jiminy  914-33-5693 - Wanderquack, Webby  835-45-2887 - Borg, Anita  245-55-3564 - Whittaker, Steve  998-87-7665 - Kruskal, Joseph  111-22-2333 - Dijkstra, Edsger  123-67-4543 - Stroustrup, Byarne  673-36-7856 - Joy, Bill  342-93-2712 - Bos, Bert  112-23-3445 - Whitman, Meg  937-65-6789 - Duck, Donald  854-45-6789 - Mary, Fairy  576-29-9877 - Pistoles, Panchito  876-54-2887 - Rabitt, Roger  987-65-4321 - Cow, Clarabelle |
| 2 🡺123456789 | Tarjan, Robert  Division 0: 89  Division 1: 34  Division 2: 45  Division 3: 5 |
| 2 🡺998877665 | Kruskal, Joseph  Division 0: 37  Division 1: 37  Division 2: 0  Division 3: 56 |
| 2 🡺 987654321 | Cow, Clarabelle  Division 0: 89  Division 1: 54  Division 2: 0  Division 3: 24 |
| 2 🡺 111112222 | SSN not found. |
| 3 🡺 123456789 | Tarjan, Robert  Total votes: 173 |
| 3 🡺 112233445 | Whitman, Meg  Total votes: 167 |
| 3 🡺 111112222 | SSN not found. |
| 4 (Print winner) | Election winner: Babbage, Charles  Total votes: 334 |
| 5 (Print results)  Why are you getting the incorrect output? | 1 | 334 | Charles Babbage  2 | 233 | Edsger Dijkstra  3 | 233 | Lilo Pelekai  4 | 221 | Mickey Mouse  5 | 221 | Grace Hopper  6 | 208 | Jiminy Cricket  7 | 208 | John McCarthy  8 | 199 | Erna Schneider  9 | 173 | Donald Duck  10 | 173 | Robert Tarjan  11 | 167 | Clarabelle Cow  12 | 167 | Meg Whitman  13 | 166 | Panchito Pistoles  14 | 166 | James Cooley  15 | 159 | Fairy Mary  16 | 159 | Alan Turing  17 | 135 | Horace Horsecollar  18 | 132 | Steve Whittaker  19 | 132 | Elmer Elephant  20 | 130 | Joseph Kruskal  21 | 108 | Roger Rabitt  22 | 108 | Anita Borg  23 | 105 | Baloo Bear  24 | 105 | Ada Lovelace  25 | 101 | Byarne Stroustrup  26 | 101 | Gus Lollygagger  27 | 99 | Bert Bos  28 | 99 | Wilbur Robinson  29 | 94 | Webby Wanderquack  30 | 94 | Claude Shannon  31 | 89 | Bill Joy  32 | 89 | Bugs Bunny  33 | 86 | Peter Pan  34 | 86 | Alan Kay  35 | 0 | Shere Khan |
| **Modify the data file: Change the first candidate’s votes to 90 90 90 90** | |
| 4 (Print winner) | Election winner: Tarjan, Robert  Total votes: 360 |
| 5 (Print results high/low) | 1 | 360 | Robert Tarjan  2 | 334 | Charles Babbage  3 | 233 | Edsger Dijkstra  ... |
| **Modify the data file: Change the last candidate’s votes to 99 99 99 99** | |
| 4 (Print winner) | Election winner: Cow, Clarabelle  Total votes: 396 |
| 5 (Print results high/low) | 1 | 396 | Clarabelle Cow  2 | 360 | Robert Tarjan  3 | 334 | Charles Babbage  ... |
| **Modify the data file: Copy Baloo Bear and add -999 right after that.** | |
| 4 (Print winner) | Election winner: Bear, Baloo  Total votes: 105 |
| 5 (Print results high/low) | 1 | 105 | Baloo Bear |
| **Testing is completed. Do the following:**   * **Delete the first two lines in the candidates\_data.txt file**   **(Baloo Bear and -999)**   * **Change the following votes:** * **123456789 Robert Tarjan 89 34 45 5** * **987654321 Clarabelle Cow 89 54 0 24**   Save your project as **A250\_P2\_FINAL\_Yourteamname** and turn it in. | |